# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S125 | 11 | (signal near4 (track$4 synchroniz$4 synchronis$4)) same ((adjust$4 dynamic$4 variable) near4 (step step-size)) and ((up same down) same (averag$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/21 15:30 |
| S127 | 23 | (signal near4 (track$4 synchroniz$4 synchronis$4 detect$4)) same ((adjust$4 dynamic$4 variable) near4 (step step-size)) and ((up same down) with (averag$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/21 15:31 |
| S126 | 37 | (signal near4 (track$4 synchroniz$4 synchronis$4 detect$4)) same ((adjust$4 dynamic$4 variable) near4 (step step-size)) and ((up same down) same (averag$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/21 15:33 |
| S128 | 1 | (signal near4 (track$4 synchroniz$4 synchronis$4 detect$4)) same ((adjust$4 dynamic$4 variable) near4 (step step-size)) and (((plurality multiple) near4 (up same down)) same (averag$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/21 15:34 |
| S130 | 16 | ((adjust$4 dynamic$4 variable) near5 (phase near4 (step step-size))) and (((up same down)) same (averag$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/21 15:36 |
| S129 | 3 | (signal near4 (track$4 synchroniz$4 synchronis$4 detect$4)) same ((adjust$4 dynamic$4 variable) near5 (phase near4 (step step-size))) and (((up same down)) same (averag$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/21 15:36 |
| S131 | 29 | (PLL (phase near3 lock$3 near3 loop)) same (clock same adjust$4 near5 phase near4 ((step$1size) step size (step$1 near2 size))) and ((flip$1flop) (flip$1 adj flop) (latch$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 14:40 |
| S132 | 19 | (PLL (phase near3 lock$3 near3 loop)) and (clock same (adjustable variable) near5 phase near4 ((step$1size) step size (step$1 near2 size))) and ((flip$1flop) (flip$1 adj flop) (latch$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 15:20 |

| S13 3 | 0 | (clock same (adjustable variable) near5 phase near4 ((step$1size) step size (step$1 near2 size))) and ((flip$1flop) (flip$1 adj flop) (latch$2)) same reset$4 and ((plurality multiple) with ((up and down) (up and dn))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 15:22 |
|---|---|---|---|---|---|---|
| S13 4 | .2 | (clock same (adjustable variable) near5 phase near4 ((step$1size) step size (step$1 near2 size))) and ((flip$1flop) (flip$1 adj flop) (latch$2)) and ((plurality multiple) with ((up and down) (up and dn))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/25 15:23 |
| S13 6 | 12 | (clock same (adjust$5 variable) near5 phase near4 ((step$1size) step size (step$1 near2 size))) and ((plurality multiple) with ((up and down) (up and dn))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/26 15:03 |
| S13 7 | 826 | ((adjustable variable) near5 phase near4 ((step$1size) step size (step$1 near2 size))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/26 15:04 |
| S13 8 | 26 | ((adjustable variable) near5 phase near4 ((step$1size) step size (step$1 near2 size))) and ((variable near4 (rate bit$1rate data speed)) same clock) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/26 15:05 |
| S13 5 | 11 | (clock same (adjust$5 variable) near5 phase near4 ((step$1size) step size (step$1 near2 size))) and ((flip$1flop) (flip$1 adj flop) (latch$2)) and ((plurality multiple) with ((up and down) (up and dn))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 13:48 |
| S14 2 | 261 | S140 not S139 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 14:09 |
| S14 0 | 295 | (clock same (adjustable variable calculat$4 determin$4) near5 phase near4 ((step$1size) step size (step$1 near2 size))) and (375/376, 373.ccls. 327/147,156.ccls. pll (phase near3 lock$3 near3 loop$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 14:09 |
| S13 9 | 34 | (clock same (adjustable variable) near5 phase near4 ((step$1size) step size (step$1 near2 size))) and (375/376,373.ccls. 327/147,156. ccls. pll (phase near3 lock$3 near3 loop$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 14:09 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| S14 3 | 4 | (clock same (adjustable variable) near5 phase near4 ((step$1size) step size (step$1 near2 size))) same (pll (phase near3 lock$3 near3 loop$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:33 |
| S14 4 | 0 | (variable near4 (data$1 bit$1) near4 rate) same sampler same clock same (pll (phase near3 lock$3 near3 loop$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:36 |
| S14 5 | 57 | (variable near4 (data$1 bit$1) near4 rate) same clock same (pll (phase near3 lock$3 near3 loop$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/27 15:39 |
| S14 7 | 10 | (variable near4 (data$1 bit$1) near4 rate) same (pll (phase near3 lock$3 near3 loop$2)) and ((ppm) (part near3 million)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 13:33 |
| S14 6 | 9 | (variable near4 (data$1 bit$1) near4 rate) same clock same (pll (phase near3 lock$3 near3 loop$2)) and ((ppm) (part near3 million)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 14:21 |
| S14 8 | 57 | (variable near4 (data$1 bit$1) near4 rate) same clock same (pll (phase near3 lock$3 near3 loop$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/28 14:22 |
| S15 0 | 82 | (phase near4 detect$4) near5 (piple$1line (stall near3 logic) flip$1flop (flip$1 adj flop)) and (375/374,375.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/10 16:21 |
| S14 9 | 2961 | (phase near4 detect$4) with (piple$1line (stall near3 logic) flip$1flop (flip$1 adj flop)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/10 16:21 |
| S15 4 | 5 | (phase near4 detect$4) near5 (piple$1line (stall near3 logic) flip$1flop (flip$1 adj flop)) and (375/374,375.ccls.) and (adjustable near4 (phase step$5 (step$1 adj size))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/10 16:28 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| S15 3 | 5 | (phase near4 detect$4) near5 (piple$1line (stall near3 logic) flip$1flop (flip$1 adj flop)) and (375/374,375.ccls.) and (adjustable near4 (phase step$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/10 16:28 |
| S15 2 | 5 | (phase near4 detect$4) near5 (piple$1line (stall near3 logic) flip$1flop (flip$1 adj flop)) and (375/374,375.ccls.) and (adjustable near4 (phase step$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/10 16:28 |
| S15 1 | 40 | (phase near4 detect$4) near5 (piple$1line (stall near3 logic) flip$1flop (flip$1 adj flop)) and (375/374,375.ccls.) and (adjust$4 near4 (phase step$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/10 16:28 |
| S15 6 | 2 | ((adjustable near3 (step$1size (step$1 adj size))) with phase) and (variable near4 (data rate bit)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/10 16:58 |
| S15 5 | 2 | ((adjustable near3 (step$1size (step$1 adj size))) with phase) same (variable near4 (data rate bit)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/10 16:58 |
| S15 8 | 25 | ((adjustable near3 (step$1size (step$1 adj size)))) and (variable near4 (data rate bit)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/10 16:59 |
| S15 7 | 1 | ((adjustable near3 (step$1size (step$1 adj size)))) and (variable near4 (data rate bit)) and ((phase near3 detect$4) pll dll ) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/10 16:59 |
| S15 9 | 1031 | (phase near3 detect$4) same (up$1 same (down$1 dn) ) same (filter$4 averag$4) same vco | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/20 11:14 |
| S16 0 | 84 | (phase near3 detect$4) same ((up$1 same (down$1 dn) ) with ((low near2 filter$4 ) (lpf) averag$4)) same vco | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/20 11:15 |
| S16 2 | 0 | (phase near3 detect$4) same ((up$1 same (down$1 dn) ) with ((low near2 filter$4 ) (lpf) and averag$4)) same vco same sampler | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/20 11:16 |

# EAST Search History

| S16 1 | 59 | (phase near3 detect$4) same ((up$1 same (down$1 dn) ) with ((low near2 filter$4 ) (lpf) and averag$4)) same vco | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/20 11:19 |
|---|---|---|---|---|---|---|
| S16 5 | 57 | (((low near2 filter$4 ) (lpf)) near3 averag$4) with (up down) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/20 11:20 |
| S16 4 | 89 | (((low near2 filter$4 ) (lpf)) near3 averag$4) same pll | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/20 11:20 |
| S16 3 | 8149 | ((low near2 filter$4 ) (lpf)) with averag$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/07/20 11:20 |